

WATER PERMIT NO. 8638-3

Name of Applicant: Darrel or Karen Jongeling

Address: 200 Trail Ridge Rd, Brookings SD 57006 Phone: 605 520-2058

Amount of Water Claimed: 1.11 cfs Total Acres: 120

Source of Water Supply: groundwater (one well)

Water to be used for: irrigation County: Hamlin

Type of Waste Disposal System:

Location: 5 miles southeast of Castlewood

PRIORITY Date Received: 6-13-22 Application/License Fee: \$ 950

Corrected Application Received: Period of Annual Use: May 1 – September 30

Remarks:

Diversion Point: NW 1/4 NW 1/4 Sec 29-T114N-
R51W

Land to be Irrigated: NW 1/4 Sec 29-T114N-
R51W

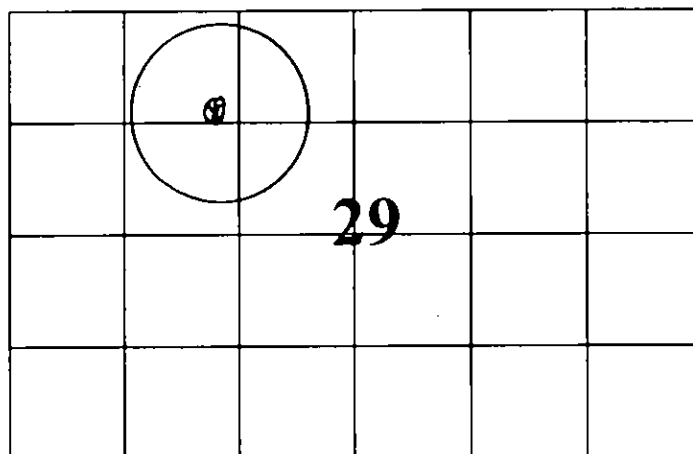
Depth of Well: 30 feet deep

Well Driller:

Remarks:

Type of Map: aerial

Prepared by:



Reviewed and the Number Assigned on: 6-13-22

By: **Karen Schlaak**

Notice of Hearing - date to intervene: _____

**SOUTH DAKOTA
WATER PERMIT NO. 8638-3**

Date of first receipt of application June 13, 2022.

The Chief Engineer, on behalf of the Water Management Board, issues Water Permit No. 8638-3 to Darrel or Karen Jongeling, 220 Trail Ridge Road, Brookings SD 57006 authorizing the construction of the water use system and the placing of water to beneficial use subject to the following limitations, conditions and qualifications:

1. Water Permit No. 8638-3 appropriates 1.11 cubic feet of water per second from one well to be completed into the Big Sioux:Brookings Aquifer (30 feet deep) located in the NW 1/4 NW 1/4 Section 29 for irrigation of 120 acres located in the NW 1/4 Section 29; all in T114N-R51W. This site is located approximately 5 miles southeast of Castlewood SD.
2. The amount of the appropriation may not exceed 2 acre feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – September 30.
3. The date from which applicant may claim right is June 13, 2022.
4. The date of approval of Permit No. 8638-3 is August 29, 2022.
5. One-fifth of the construction is to be completed on or before March 1, 2025.
6. All construction is to be completed on or before August 29, 2027.
7. Water is to be put to beneficial use on or before August 29, 2031.
8. Water rights obtained in compliance with the laws of the State of South Dakota may not be unlawfully impaired by this appropriation.

QUALIFICATIONS

1. The well approved under Water Permit No. 8638-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals shall be controlled so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 8638-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

WATER MANAGEMENT BOARD

By: Eric Gronlund
Eric Gronlund, Chief Engineer
Water Rights Program
Department of Environment and Natural Resources

SEP 26 2022
date



JUN 13 2022

PAID

JUN 13 2022

Ck# 26427

Rec't#

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>8638-3</u>	(office use only) Hydrologic Unit <u>10170202</u>	OFFICE OF WATER
	Basin <u>Sioux River</u>		
	Newspaper <u>Hamlin County Republican</u>		
	<u>Public Opinion</u>		

Application For Permit To Appropriate Water For Irrigation

Type of Application: ☒ New ☐ Vested Right ☐ Amendment/Correction to Permit No. _____
(Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit Darrel or Karen Jongeling

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 220 Trail Ridge Road Brookings SD 57006
(Address) (City) (State) (Zip Code)Phone _____ Mobile 605-520-2058 Email _____2. Amount of water claimed 1.11 *CFS or 500 **GPM _____ ***AF Total Acreage 120
(*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)3. Source of water supply well4. Location of point of diversion center from the NW 1/4 of the 1/4 Sect 29 T114N
(example - 3 wells in SW 1/4 NE 1/4 section 12-T104N-R53W)
NW 1/4 NW 1/4 Sec 29-T114N-R51W County Hamlin5. County or counties where water will be used Hamlin6. Annual period during which water is to be used May 1 - Sept 307. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
(Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
<u>NW 1/4 of the NW 1/4 Sect 29 T114N R51W</u>	<u>30 acres</u>		
<u>SW 1/4 of NW 1/4 Sect 29 T114N R51W</u>	<u>25</u>		
<u>NE 1/4 of NW 1/4 Sect 29 T114N R51W</u>	<u>30</u>		
<u>SE 1/4 of NW 1/4 Sect 29 T114N R51W</u>	<u>35</u>		

8. Give a description of the project. (Attach sheet if more space is needed)

I, Darrel Jongeling, the applicant, certify under
Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Supplemental Information

(type or print)

1. Well Information

(check one or both as applicable) ☒ Drilling new well(s) ☐ Using existing well(s)

a) If new wells, how many 1 Have test holes been drilled ☒ Yes ☐ No Drilled by Lacey well Drilling
(if yes, please provide copies of logs)

b) If existing wells, how many Provide copy of log(s), if available. Drilled by Lacey well Drilling

For either Existing or Proposed Wells:

c) Well Depth (required) 30 Depth to Top of Water Bearing Material 8 Depth to Water from Surface 8

d) Distance to nearest domestic well on applicant's property 1300 ft Property owned by others

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field)

b) System Capacity (gallons) Year Constructed

c) Connected to the City of Sanitary System

3. Dugout Information

a) Surface Dimensions Depth

b) Depth to water (ground surface to water level)

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard

c) Crest Width

Crest Length

d) Height

e) Primary Outlet Capacity

If pipe, diameter

f) Secondary Spillway Capacity

Spillway Width

g) X & Y Slope (e.g. 3 to 1 is a typical slope)

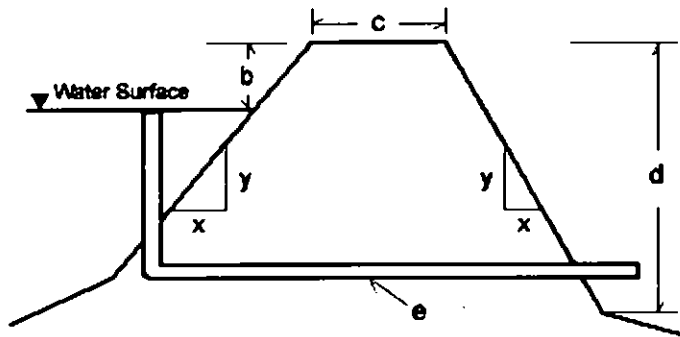
Upstream

Downstream

h) Surface Area of Impoundment

i) Storage Acre Feet

j) Drainage Area Above Dam Acres





NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ Sect 29 T 114 N R 51 W

In Water Since 1946

LACEY WELL DRILLING, INC.

47582 - 240th St.
Dell Rapids, South Dakota 57022
Telephone (605) 428-5979

Wells — Pumps
Dewatering Work
Test Drilling

Down-Hole Camera
Water Specialists
Irrigation Supplies

6-9-22

Test hole

^{center}
Brad Jorgeling

^{owner}
Go Darrell Jorgeling
Estelling, SD

0-2 Topsoil

2-4 Clay

4-8 Brownsand

8-30' Good Coarse
Gravel

SWL - 4'

Drilled by: Lacey Well Drilling Inc.

Driller Joan R. Lacey

Lic No 111

NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 29

RECEIPT

WATER RIGHTS PROGRAM

South Dakota Department of Agriculture and Natural Resources

Date June 13, 2022

RECEIVED OF Bradley/Sehly Jongelin 18995 461st Ave., Estelline SD 57234

The following amount in fees for services rendered as provided for by law:

Fee for Application for Permit No. <u>8638-3</u> to Appropriate Water, to construct and to put water to beneficial use	\$ <u>750.00</u>
Fee for Application for Permit No. _____ to Appropriate Water for Future use	\$ _____
Fee to retain Future Use Permit No. _____ after period of seven years.	\$ _____
Fee for Inspecting Constructed Works, confirming beneficial use and issuing Water License No. <u>8638-3</u>	\$ <u>200.00</u>
Fee for Filing Transfer Form _____	\$ _____
Fee for _____	\$ _____
Fee for Issuing New Well Driller's License No. _____	\$ _____
Fee for Renewal of Well Driller's License No. _____	\$ _____
Fee for Issuing Well Pump Installer's License No. _____	\$ _____
Fee for Renewal of Well Pump Installer's License No. _____	\$ _____
(Any Other Work Provided by Law)	
TOTAL	\$ <u>950.00</u>

By Eric Gronlund
Chief Engineer
ERG



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

**RECOMMENDATION OF CHIEF ENGINEER FOR WATER PERMIT
APPLICATION NO. 8638-3, Darrel or Karen Jongeling**

Pursuant to SDCL 46-2A-2, the following is the recommendation of the Chief Engineer, Water Rights Program, Department of Agriculture and Natural Resources concerning Water Permit Application No. 8638-3, Darrel or Karen Jongeling, 220 Trail Ridge Road, Brookings SD 57006.

The Chief Engineer is recommending APPROVAL of Application No. 8638-3 because 1) there is reasonable probability that there is unappropriated water available for the applicant's proposed use, 2) the proposed diversion can be developed without unlawful impairment of existing domestic water uses and water rights, 3) the proposed use is a beneficial use and 4) it is in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board with the following qualifications:

1. The well approved under Water Permit No. 8638-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals shall be controlled so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 8638-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.

See report on application for additional information.

Eric Gronlund, Chief Engineer
August 5, 2022

**Report to the Chief Engineer on
Water Permit Application No. 8638-3**

Darrel or Karen Jongeling
2022 July 20

Water Permit Application No. 8638-3 proposes to appropriate up to 1.11 cubic feet of water per second (cfs) from one well to be completed into the Big Sioux: Brookings aquifer (30 feet deep) located in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ Section 29 for irrigation of 120 acres located in the NW $\frac{1}{4}$ Section 29; all in T114N-R51W, 5th Principal Meridian. This site is located approximately 5 miles southeast of Castlewood, South Dakota.

Aquifer: Big Sioux: Brookings (BS:B)

Hydrogeologic Characteristics

The Big Sioux aquifer is a shallow, Quaternary-aged sand and gravel outwash that lies directly under the Big Sioux River and its floodplains. The Brookings management unit of the Big Sioux aquifer underlies the aquifer between the United States Geological Survey stream gages as shown in Figure 1 [1] [2] [3]. The Big Sioux: Brookings aquifer management unit underlies approximately 323,000 acres in Brookings, Deuel, Hamlin, Kingsbury, and Moody Counties and stores approximately 1,453,500 acre-feet of recoverable water [4]. The Big Sioux Aquifer is generally unconfined, although there are some locations where clay lenses and overlying till occur that create confined conditions.

The applicant submitted a log of a test hole drilled on June 9, 2022 in the area of the application. The driller reported encountering topsoil from ground level to 2 feet below grade, clay from 2 to 4 feet, brown sand from 4 to 8 feet, and "good" coarse gravel from 8 to 30 feet below grade. The driller reported the static water level was 4 feet below grade. Based on the conditions at this site, the proposed well is likely to be completed into unconfined conditions.

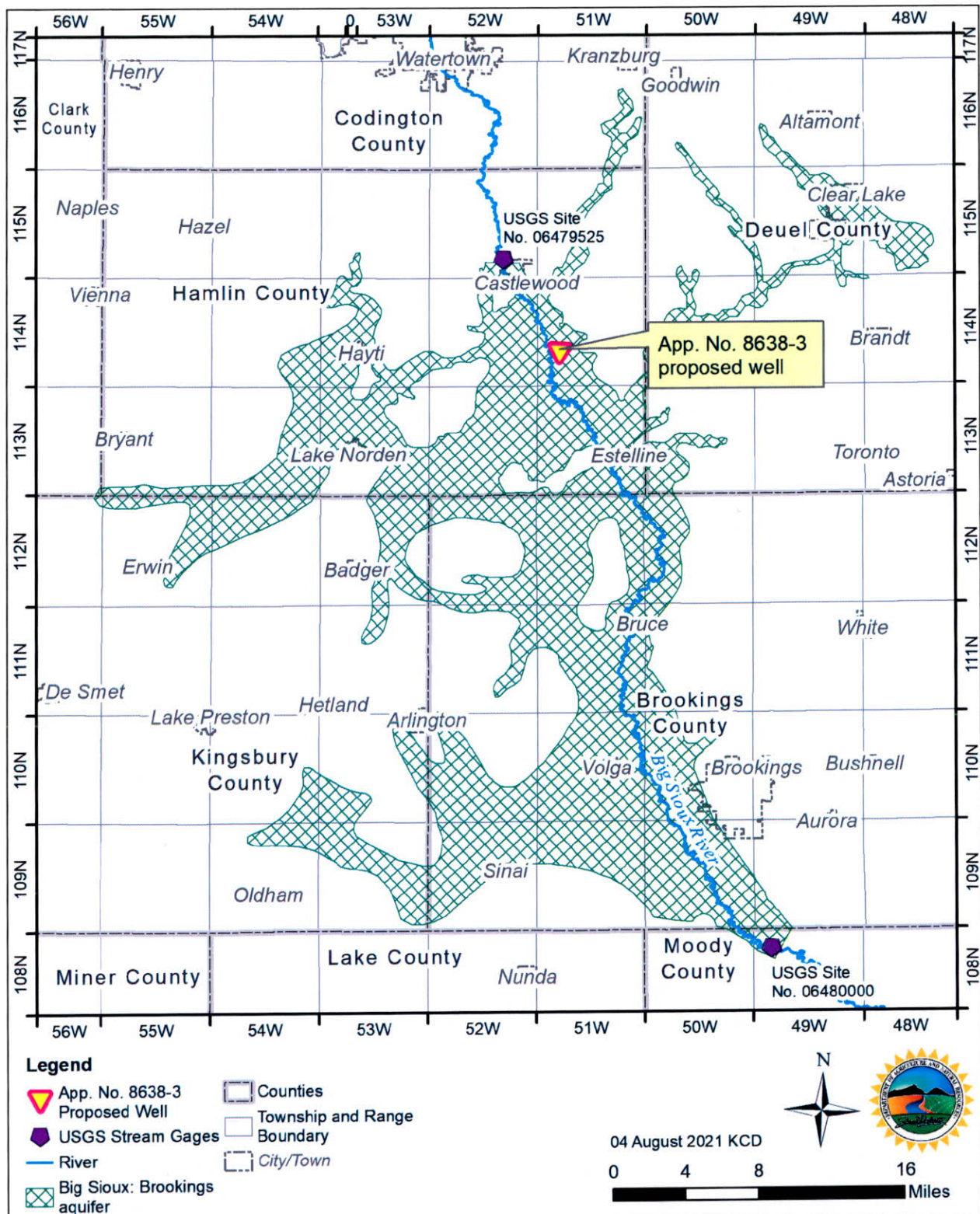


Figure 1: the Big Sioux: Brookings aquifer [4], the proposed well for this application, and the location of stream gauges along the Big Sioux River which mark the edges of the Brookings management unit [2] [3]

Applicable South Dakota Codified Law (SDCL)

Pursuant to SDCL 46-2A-9, a permit to appropriate water may be issued if there is reasonable probability that there is unappropriated water available for the applicant's proposed use, that the proposed diversion can be developed without unlawful impairment of existing domestic water uses and water rights, and that the proposed use is a beneficial use and in the public interest as it pertains to matters of public interest within the regulatory authority of the Water Management Board. This report will only assess the availability of water and possibility of developing this application without unlawful impairment of existing domestic water uses and water rights.

Pursuant to SDCL 46-6-3.1, no application to appropriate groundwater may be approved if, according to the best information reasonably available, it is probable that the quantity of water withdrawn annually from a groundwater source will exceed the quantity of the average estimated annual recharge of the water to the groundwater source. An exception allows water distribution systems to withdraw from groundwater sources older or stratigraphically lower than the Greenhorn Formation regardless of the results of a hydrologic budget. The applicant is not a water distribution system as defined in SDCL 46-1-6(17). The Big Sioux: Brookings aquifer is younger and stratigraphically higher than the Greenhorn Formation. Therefore, it is necessary to find that recharge exceeds withdrawals to approve this application.

Availability of Water

Hydrologic Budget

Recharge

Recharge to the Big Sioux: Brookings aquifer is by infiltration of precipitation and seepage from surface water features when the stage of the surface water features is higher than the hydraulic head of the aquifer. Hedges, Allen, and Holly [5] used observation well data to estimate that the recharge to the aquifer is 4.0 inches per year. Applied over the area of the aquifer [4], recharge to the Big Sioux: Brookings aquifer is approximately 107,700 ac-ft/yr.

Discharge

Discharge from the Big Sioux: Brookings aquifer is by seepage to surface water features when the hydraulic head of the aquifer is higher than the stage of the surface water features, evapotranspiration, and domestic and appropriative withdrawals. Given the prevalence of water distribution systems in the area of the aquifer, domestic withdrawals are estimated to be a negligible portion of the hydrologic budget. There are 259 water rights/permits authorized to withdraw from the Big Sioux: Brookings aquifer. Of those, 213 are for irrigation use, 34 for various kinds of water distribution systems, 9 for commercial use, 2 for industrial use, and 1 for geothermal use. Figure 2 shows irrigation reported in the aquifer over the entire period of record (1979 – 2021) [6] [7]. Average irrigation over the entire period of record was 8,897 ac-ft/yr. Irrigation practices have likely changed over that period and the number of permits reporting increased by 21 permits in 2013 following the drought of 2012, so irrigation over the entire period of record may not reliably predict future average annual withdrawals. Average irrigation reported over the last 10 years of record (2012 – 2021) was 10,938 ac-ft/yr. There were 5 irrigation permits approved since May 1, 2021, so would not have reported irrigation [8]. They

are estimated to withdraw 10 inches per year per permitted acre, for an estimated withdrawal of 463 ac-ft/yr.

Four non-irrigation water rights/permits (Water Right Nos. 534A-3, 617-3, 3117-3, 5071-3) are water distribution systems which purchase their water from another system [9], so are estimated to withdraw no water on average and retain their water rights/permits on standby for emergency use. Thirteen non-irrigation water rights/permits are required to report their annual withdrawals [8]. The sum of the average reported use for each entity required to report withdrawals is 2,611 ac-ft/yr [10]. Two non-irrigation permits are not required to report their withdrawals but have an annual volume limit stated in their permit [8]. They are assumed to withdraw their entire appropriation on their permit, for a combined total of 498 ac-ft/yr. The 27 remaining water rights/permits are estimated to withdraw at their maximum licensed/permitted rate 60% of the time, for a total withdrawal of 7,202 ac-ft/yr [8]. Based on Water Rights Staff experience, that estimate is likely to be higher than the true value for average annual withdrawals. There are 11 future use permits reserving a combined total of 6,686 ac-ft/yr [8].

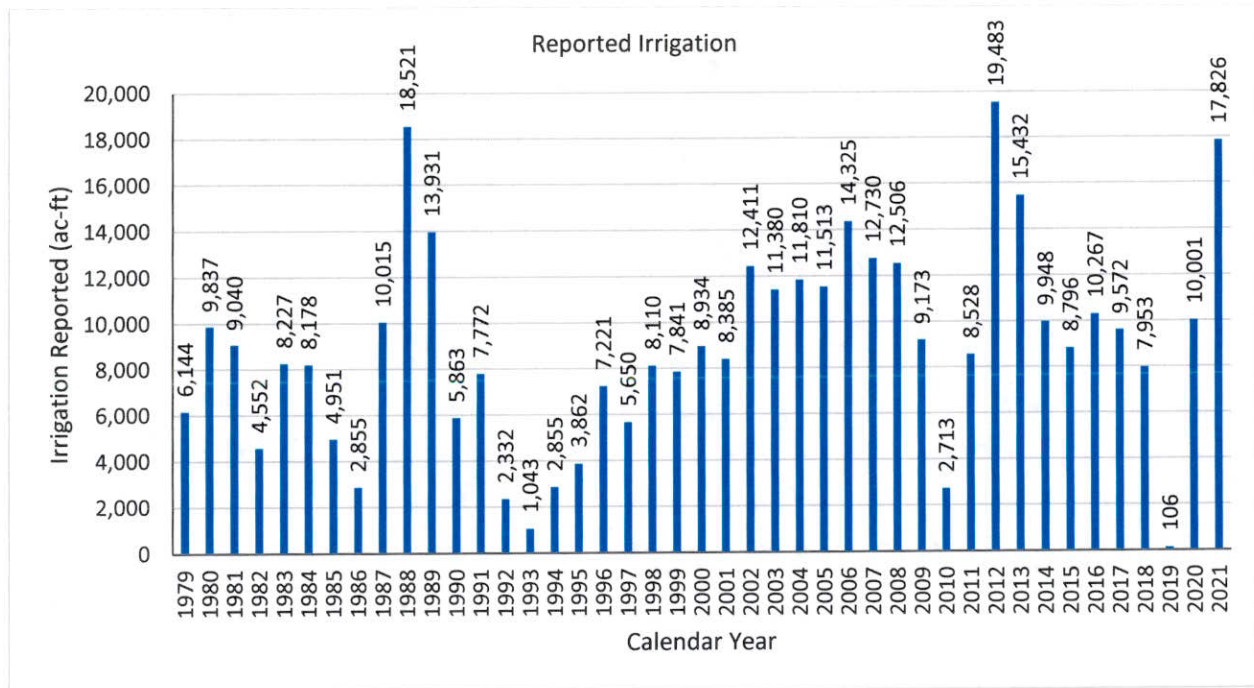


Figure 2: Irrigation reported in the Big Sioux: Brookings aquifer [6] [7]

Summary of Hydrologic Budget

Recharge to the Big Sioux: Brookings aquifer is estimated to be 107,700 ac-ft/yr [5] [4]. Withdrawals and future use appropriations from the aquifer are summarized in Table 1. The total estimated withdrawals from the Big Sioux: Brookings aquifer is 28,398 ac-ft/yr. This application, if approved, may withdraw up to 240 ac-ft/yr, but is likely to withdraw approximately 100 ac-ft/yr using the same method as in the Discharge section for other new irrigation permits. Therefore, based on the hydrologic budget, there is reasonable probability unappropriated water is available for this application.

Table 1: Estimated withdrawals and appropriations in the aquifer

Method	Count	Est. Use (ac-ft/yr)
Irrigation, reporting	208	10,938
Irrigation too new to report	5	463
Standby	4	0
Non-Irrigation, reporting	13	2,611
Non-Irrigation, non-reporting, volume on permit	2	498
Limited by pump rate	27	7,202
Subtotal (authorized to withdraw)	259	21,712
Future Use	11	6,686
Grand Total	270	28,398

Observation Wells

Administrative Rule of South Dakota (ARSD) 74:02:05:07 requires that the Water Management Board rely upon the record of observation well data, in addition to other information, to determine whether average annual recharge exceeds average annual withdrawals. The Water Rights Program maintains 77 observation wells completed into the Big Sioux: Brookings aquifer [11]. The nearest one to this application is Observation Well HN-77F, located approximately 1.9 miles southeast of the proposed well for this application, and is representative of the general behavior of the aquifer [11]. Figure 3 shows water levels in Observation Well HN-77F [11]. In general, water levels rise during periods of higher-than-average precipitation and decline during periods of lower-than-average precipitation. There are also seasonal declines due to higher demand during the summer. Water levels in the aquifer return to static conditions following the spring recharge period. Because water levels in the aquifer are overwhelmingly dominated by natural conditions, natural discharge is occurring in the aquifer. The Water Management Board has historically interpreted natural discharge to be available for capture. Therefore, based on observation well analysis, there is reasonable probability unappropriated water is available for this application.

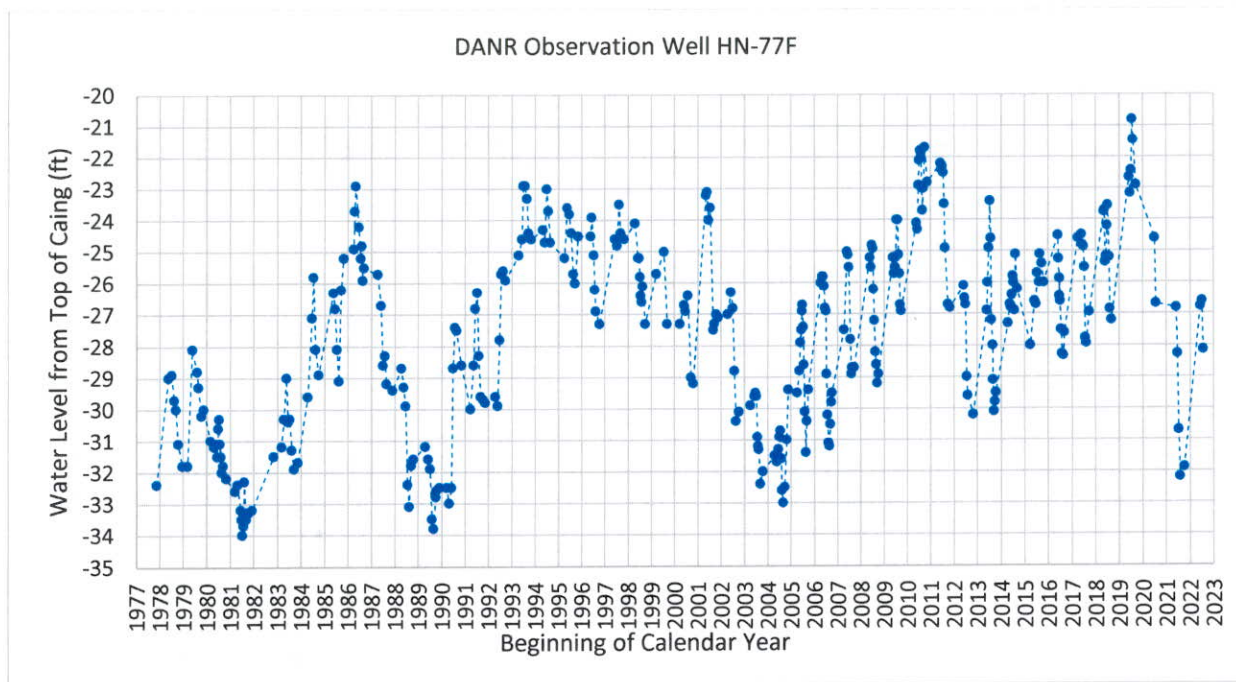


Figure 3: Water levels in DANR Observation Well HN-77F [11]

Potential for Unlawful Impairment of Existing Water Rights

The nearest water right/permit to this application is Water Right No. 5011-3, held by Ronald Jongeling, and is located approximately 0.5 miles south of the proposed well [8]. The nearest domestic well on file that is completed into the same aquifer is located 0.8 miles east of the proposed well for this application [12]. The Water Rights Program has historically interpreted an unlawful impairment of existing water rights to occur if a junior water right/permit causes a nearby adequate well with a senior water right/permit to become unable to withdraw at the rate it is entitled to or, if a domestic well is impacted, a water right/permit causes an adequate domestic well to be unable to withdraw at the rate needed to supply reasonable domestic use of water. Administrative Rule of South Dakota (ARSD) 74:02:04:20(6) defines an adequate well as:

...a well constructed or rehabilitated to allow various withdrawal methods to be used, to allow the inlet to the pump to be placed not less than 20 feet into the saturated aquifer or formation material when the well is constructed, or to allow the pump to be placed as near to the bottom of the aquifer as is practical if the aquifer thickness is less than 20 feet

Precise drawdown in an aquifer cannot be known without an aquifer performance test. Drawdown in the aquifer is likely to occur. While the best information available indicates that there is reasonable probability average annual recharge exceeds average annual withdrawals in the aquifer, conditions can occur where withdrawals in the aquifer exceed recharge for a period of time. Situations may occur where a well pumping a thicker part of an unconfined aquifer could cause drawdown impacting adequate wells in a thinner part of the aquifer. Under such conditions an unlawful impairment of senior water rights/permits or domestic wells may occur. Therefore, the applicant should control their withdrawals so that nearby adequate domestic wells and senior water rights/permits are able to access needed water. There are no complaints on file

with the Water Rights Program documenting unlawful impairment of existing water rights or adequate domestic wells [13]. Given that the aquifer is unconfined, drawdown from the applicant's proposed well is not likely to extend as far from the well as it would in a confined aquifer.

Conclusions

1. Water Permit Application No. 8638-3 seeks to appropriate up to 1.11 cfs from one well to be completed into the Big Sioux: Brookings aquifer located in the NW ¼ NW ¼ Section 29 for irrigation of 120 acres located in the NW ¼ Section 29; all in T114N-R51W.
2. Based on the hydrologic budget and observation well analysis, there is reasonable probability unappropriated water is available for this application.
3. There is reasonable probability this application can be developed without unlawful impairment of existing water rights/permits.



Kimberly C. Drennon, E.I.

Natural Resources Engineer II – DANR Water Rights Program

References

- [1] L. S. Hedges, S. L. Burch, D. L. Iles, R. A. Barari and R. A. Schoon, "Evaluation of ground-water resources eastern South Dakota and upper Big Sioux River, South Dakota and Iowa, Tasks 1-4," U.S. Army Corps of Engineers, Omaha, Nebraska, 1982.
- [2] USGS, "BIG SIOUX RIVER NEAR CASTLEWOOD,SD," United States Department of Interior - Geological Survey, 19 May 2022. [Online]. Available: https://waterdata.usgs.gov/nwis/uv?site_no=06479525. [Accessed 19 May 2022].
- [3] USGS, "BIG SIOUX RIVER NEAR BROOKINGS,SD," United States Department of Interior - Geological Survey, 2 August 2022. [Online]. Available: https://waterdata.usgs.gov/nwis/uv?site_no=06480000. [Accessed 2 August 2022].
- [4] J. Stonesifer, "Report to the Chief Engineer Water Permit Application No. 7854-3," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2013.
- [5] L. S. Hedges, J. Allen and D. E. Holly, "Evaluation of ground-water resources eastern South Dakota and upper Big Sioux River - South Dakota and Iowa: Task 7: Ground water recharge," U.S. Army Corps of Engineers, Omaha, Nebraska, 1985.
- [6] SD DANR Water Rights Program, "Irrigation questionnaire summaries," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, SD, 2021.

- [7] SD Water Rights, "Irrigation reports," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2021.
- [8] SD DANR Water Rights Program, "Water right permit file database," SD DANR Water Rights Program, Pierre, South Dakota, 2022.
- [9] SD DANR Drinking Water Program, "Drinking Water Reports," SD DANR Drinking Water Program, 19 July 2022. [Online]. Available:
.. <https://danr.sd.gov/OfficeOfWater/DrinkingWater/default.aspx>. [Accessed 19 July 2022].
- [10] SD DANR Water Rights Program, "Non-Irrigation Yearly Reports," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2022.
- [11] SD DANR Water Rights Program, "Observation wells," Pierre, South Dakota, 2022.
- [12] SD DANR Water Rights Program, "Well completion reports," Pierre, South Dakota, 2022.
- [13] SD DANR Water Rights Program, "County files," SD DANR Water Rights Program, Joe Foss Bldg., Pierre, South Dakota, 2022.

Schlaak, Karen

From: Schlaak, Karen
Sent: Friday, August 5, 2022 10:00 AM
To: 'daveg@farmersii.com'
Subject: Darrell or Karen Jongeling water permit application
Attachments: 3831.pdf

Dave,
FYI - Attached is a copy of the public notice, report and chief engineer recommendation for Application No. 8638-3, Darrell or Karen Jongeling.

Karen Schlaak
DANR - Water Rights Program
(605) 773-3352
Website: <https://danr.sd.gov>



RECEIVED

AUG 15 2022

OFFICE OF
WATER

Form 8

PROOF OF PUBLICATION

STATE OF SOUTH DAKOTA)

County of Hamlin) SS

I, Lee Anne Dufek

certify that the attached printed Notice was taken

from the Hamlin County

Republican

printed and published in Castnewood

County of Hamlin and

state of South Dakota. The notice was published

in the newspaper on the following date:

Aug: 10, 2022

Cost of Printing \$ 40.36

LeeAnne Dufek
(Signature)

8-10-22
(Title)

owner
(Date Signed)

**NOTICE OF APPLICATION
NO. 8638-3 TO
APPROPRIATE WATER**

Notice is given that Darrel or Karen Jongeling, 220 Trail Ridge Road, Brookings SD 57006 have filed an application for a water permit to appropriate 1.11 cubic feet of water per second from one well to be completed into the Big Sioux-Brookings Aquifer (30 feet deep) located in the NW 1/4 NW 1/4 Section 29 for irrigation of 120 acres located in the NW 1/4 Section 29; all in T114N-R51W. This site is located approximately 5 miles southeast of Castlewood SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8638-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommenda-

tion shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501" or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by August 29, 2022.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's rea-

sons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by August 29, 2022.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published Aug. 17, 2022, at total cost of \$40.36 and may be viewed free of charge at www.sdpublicnotics.com

LOCALiQ

Aberdeen News
Watertown Public Opinion

PO Box 630567 Cincinnati, OH 45263-0567

PROOF OF PUBLICATION

Darrel Jongeling
Jongeling, Darrel
220 Trail Ridge RD
Brookings SD 57006-3627

RECEIVED

AUG 08 2022

OFFICE OF
WATER

STATE OF SOUTH DAKOTA, COUNTY OF CODINGTON

The Watertown Public Opinion is, and during all the times hereafter mentioned was, a daily legal newspaper as defined in SDCL 17-2-2.1 through 17-2-2.4, as amended, published at Watertown, Codington County, South Dakota, by Watertown Public Opinion; that the notice, order or advertisement, a printed copy of which is attached, was published in said newspaper in the issue dated:

08/17/2022

and that the fees charged are legal.
Sworn to and subscribed before on 08/17/2022

Legal Clerk

Notary, State of WI, County of Brown

My commission expires

Publication Cost: \$48.40

Order No: 7625517

of Copies:

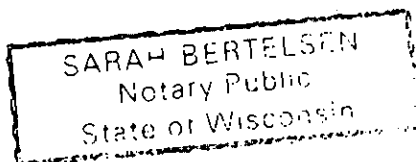
Customer No: 809290

1

PO #:

THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.



NOTICE OF
APPLICATION NO. 8638-3
to Appropriate Water
Notice is given that Darrel
or Karen Jangeling, 220
Trail Ridge Road, Brook-
ings SD 57006 have filed an
application for a water
permit to appropriate 1.11
cubic feet of water per
second from one well to be
completed into the Big
Sioux-Brookings Aquifer
(30 feet deep) located in
the NW 1/4 NW 1/4 Section
29 for irrigation of 120
acres located in the NW 1/4
Section 29; all in T114N-
R51W. This site is located
approximately 5 miles
southeast of Castlewood
SD.

Pursuant to SDCL 46-2A-2,
the Chief Engineer recom-
mends APPROVAL of
Application No. 8638-3 with
qualifications because 1) unappropriated water is
available, 2) existing
domestic water uses and
water rights will not be
unlawfully impaired, 3) It
is a beneficial use of
water, and 4) It is in the
public interest as it
pertains to matters within
the regulatory authority of
the Water Management
Board. The Chief Engi-
neer's recommendation
with qualifications, the
application, and staff
report are available at
<https://danr.sd.gov/public>,
or contact Ron Duvall for
this information, or other
information, at the Water
Rights Program address
provided below.

Any person interested in
opposing this application
or recommendation shall
allege that the application,
upon approval, will cause
injury to the person that is
unique from any injury
suffered by the public in
general. The injury must
concern a matter either
within the regulatory
authority found in SDCL
46-2A-9 for approval or
denial of the application,
or other matter concerning
the application within the
regulatory authority of the
board to act upon as
defined by SDCL 46-2-9 and
46-2-11, or both. Any person
meeting the petitioner
requirements and wishing
to be a party of record in a
contested case hearing
shall file a written petition
to oppose the application
with BOTH the applicant
and Chief Engineer. A peti-
tion opposing the applica-
tion shall be filed on a
form provided by the Chief
Engineer. The petition
form is available online at
<https://danr.sd.gov/public>
or by contacting the Chief
Engineer. The Chief Engi-
neer's address is "Water
Rights Program, Foss
Building, 523 E. Capitol,
Pierre SD 57501" or call
(605) 773-3352. The appli-
cant's mailing address is
given above. If contesting
the Chief Engineer's
recommendation, the
applicant shall also file a
petition. A petition filed by
either an interested person
or the applicant must be
filed by August 29, 2022.
The petition shall include a
statement describing the
unique injury upon

approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained. Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by August 29, 2022. If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition. Published once at the total approximate cost of \$48.40 and may be viewed free of charge at www.sdpublicnotices.com.
August 17, 2022
#7625517

Schlaak, Karen

From: Schlaak, Karen
Sent: Friday, August 5, 2022 9:14 AM
To: 'legals@thepublicopinion.com'
Subject: 8638-3, Darrel or Karen Jongeling
Attachments: 8638-3public.short_final.docx; FORM8.FRM.doc

Attached is a notice to be published on August 17, 2022.

Darrel or Karen Jongeling, 220 Trail Ridge Rd, Brookings SD 57006 (605 520-2058) have been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP to the Water Rights Program, 523 E Capitol, Pierre SD 57501.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
DANR - Water Rights Program
(605) 773-3352
Website: <https://danr.sd.gov>



Schlaak, Karen

From: Schlaak, Karen
Sent: Friday, August 5, 2022 9:14 AM
To: Hamlin County Publishing (hcp@itctel.com)
Subject: FW: 8638-3, Darrel or Karen Jongeling
Attachments: 8638-3public.short_final.docx; FORM8.FRM.doc

Here are attachments. This is to be published in the Hamlin County Republican.
Thanks

From: Schlaak, Karen
Sent: Friday, August 5, 2022 9:11 AM
To: Hamlin County Publishing (hcp@itctel.com) <hcp@itctel.com>
Subject: 8638-3, Darrel or Karen Jongeling

Attached is a notice to be published on August 17, 2022.

Darrel or Karen Jongeling, 220 Trail Ridge Rd, Brookings SD 57006 (605 520-2058) have been notified to contact you to authorize publication and arrange for payment.

Please send the affidavit or return the attached Proof of Publication form ASAP to the Water Rights Program, 523 E Capitol, Pierre SD 57501.

Let me know if you have questions. Please acknowledge receipt of this email.

Karen Schlaak
DANR - Water Rights Program
(605) 773-3352
Website: <https://danr.sd.gov>



NOTICE OF APPLICATION NO. 8638-3 to Appropriate Water

Notice is given that Darrel or Karen Jongeling, 220 Trail Ridge Road, Brookings SD 57006 have filed an application for a water permit to appropriate 1.11 cubic feet of water per second from one well to be completed into the Big Sioux:Brookings Aquifer (30 feet deep) located in the NW 1/4 NW 1/4 Section 29 for irrigation of 120 acres located in the NW 1/4 Section 29; all in T114N-R51W. This site is located approximately 5 miles southeast of Castlewood SD.

Pursuant to SDCL 46-2A-2, the Chief Engineer recommends APPROVAL of Application No. 8638-3 with qualifications because 1) unappropriated water is available, 2) existing domestic water uses and water rights will not be unlawfully impaired, 3) it is a beneficial use of water, and 4) it is in the public interest as it pertains to matters within the regulatory authority of the Water Management Board. The Chief Engineer's recommendation with qualifications, the application, and staff report are available at <https://danr.sd.gov/public> or contact Ron Duvall for this information, or other information, at the Water Rights Program address provided below.

Any person interested in opposing this application or recommendation shall allege that the application, upon approval, will cause injury to the person that is unique from any injury suffered by the public in general. The injury must concern a matter either within the regulatory authority found in SDCL 46-2A-9 for approval or denial of the application, or other matter concerning the application within the regulatory authority of the board to act upon as defined by SDCL 46-2-9 and 46-2-11, or both. Any person meeting the petitioner requirements and wishing to be a party of record in a contested case hearing shall file a written petition to oppose the application with BOTH the applicant and Chief Engineer. A petition opposing the application shall be filed on a form provided by the Chief Engineer. The petition form is available online at <https://danr.sd.gov/public> or by contacting the Chief Engineer. The Chief Engineer's address is "Water Rights Program, Foss Building, 523 E Capitol, Pierre SD 57501" or call (605) 773-3352. The applicant's mailing address is given above. If contesting the Chief Engineer's recommendation, the applicant shall also file a petition. A petition filed by either an interested person or the applicant must be filed by August 29, 2022.

The petition shall include a statement describing the unique injury upon approval of the application on the petitioner, the petitioner's reasons for opposing the application, and the name and mailing address of the petitioner or the petitioner's legal counsel, if legal counsel is obtained.

Any interested person may file a comment on the application with the Chief Engineer. The comment shall be filed on a form provided by the Chief Engineer and is available online at <https://danr.sd.gov/public> or by calling (605) 773-3352 or writing the Chief Engineer at the address provided above. Filing a comment does not make the commenter a party of record or a participant in any hearing that may be held. Any comment must be filed by August 29, 2022.

If the applicant does not contest the recommendation of the Chief Engineer and no petition to oppose the application is received, the Chief Engineer shall act on the application pursuant to the recommendation with no hearing held before the Water Management Board. If a petition opposing the application or contesting the recommendation is filed, then a hearing will be scheduled, and the Water Management Board will consider this application. Notice of the hearing will be given to the applicant and any person filing a petition.

Published once at the total approximate cost of_



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

**NOTE: TO BE SURE OF PUBLICATION ON
THE CORRECT DATES, CONTACT
THE NEWSPAPERS RIGHT AWAY.**

August 5, 2022

Darrel or Karen Jongeling
220 Trail Ridge Road
Brookings SD 57006

Dear Mr. & Mrs. Jongeling:

Water Permit Application No. 8638-3 for irrigation use have been examined and found to comply with the South Dakota Water Laws and applicable rules. A notice has been sent to the Hamlin County Republican printed at Castlewood (Ph # 605 793-2293) and the Public Opinion printed at Watertown (Ph # 605 886-6901). You will need to contact the newspapers and authorize publication of this notice. For your information, a copy of the notice, the recommendation of the Chief Engineer and report on the application are enclosed. Please review the notice prior to publication and notify this office, if you have any corrections or questions.

Be sure to contact the above newspapers to authorize publication of your Notice and to arrange for payment. Early contact with the papers can eliminate delays. Upon receiving authorization from you, the publishers have been instructed to publish your notice. The newspapers have also been instructed to send us the Proof of Publication. We must receive Proof of Publication before action can be taken on the application.

Sincerely,

Karen Schlaak

Karen Schlaak
Water Rights Program
(605) 773-3352

enclosures

NOTE: If you plan to contest any part of the Chief Engineer's recommendation, you must file a petition pursuant to the procedures outlined in the attached notice of hearing. The Water Management Board will then consider your concerns during a hearing on the application.



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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PIERRE SD 57501-3182
danr.sd.gov

SEP 26 2022

Darrel or Karen Jongeling
220 Trail Ridge Road
Brookings SD 57006

Dear Mr. & Mrs. Jongeling:

Enclosed is Water Permit No. 8638-3 authorizing construction of the water diversion system and beneficial use of the water, not exceeding the limits as specified in the Water Permit.

Form 10, *Notice of Completion of Works and Application of Water to Beneficial Use*, is enclosed. Please return this completed form after you have finished the system and have put the water to beneficial use. An investigation can then be scheduled so the water license may be issued, thus completing the acquisition of a water right.

An informational sheet *Common Water Right Questions?* is also enclosed. This sheet is intended to answer some of the questions associated with obtaining and keeping a water right.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

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523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

STATE OF SOUTH DAKOTA)
) SS
COUNTY OF HUGHES)

**Affidavit of Public Notice
on DANR Website**

Pursuant to SDCL § 46-2A-4, public notice of the following application was posted on the DANR web site at <https://danr.sd.gov/public>. The posted public notice is the same notice as published in the pertinent newspaper(s) and a copy of the public notice is maintained in the application file. If the application is contested, the posting is moved to the DANR contested case website at <https://danr.sd.gov/public/ContestedCase.aspx> until final action is taken on the application pursuant to SDCL § 46-2A-4.

Application No.: 8638-3

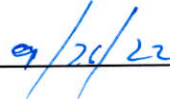
Name of Applicant: Darrel or Karen Jongeling

Date of Posting: 8/15/2022

Date of Removal: 9/26/2022



Ron Duvall, Water Rights Permitting Administrator

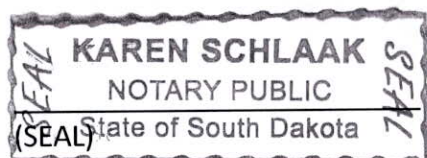


Date

Subscribed and sworn to before me, a notary public, this 26th day of Sept, 20 22.



Notary Public - South Dakota
My commission expires: 4/1/2025





**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

July 24, 2024

8638-3

Darrel or Karen Jongeling
220 Trail Ridge Rd
Brookings SD 57006

Dear Mr. & Ms. Jongeling:

I am writing in regard to Water Permit No. 8638-3 authorizing the irrigation of 120 acres located within the NW ¼ Section 29-T114N-R51W.

On July 16, 2024, a staff engineer from the Water Rights Program made a site visit to conduct an inspection of the water use systems authorized under Permit No. 8638-3, for the purpose of licensing the irrigation systems.

With the inspection having been conducted and the report completed, we are ready to proceed with the licensing of your water use system. However, as stated in Permit No. 8638-3, you have until August 29, 2027, to complete the construction of your water use system and until August 29, 2031, to put that water to beneficial use.

If you have finished the construction and are satisfied with your water use system, please complete the highlighted portions of the enclosed "Notice of Completion of Works" form and return it in the postage paid envelope. Once we have the completed form back from you, we will proceed with the licensing of your systems.

Sincerely,

Amanda Dewell
Permitting Administrator
Water Rights Program
605 773-3352
Amanda.Dewell@state.sd.us

enclosures

Report of Examination of Works and/or Application of Water to Beneficial Use For Permit No. 8638-3

I have this day, July 16, 2024, made a thorough examination of the water use system constructed by Darrel & Karen Jongeling, 200 Trail Ridge Rd, Brookings, SD 57006 of Permit No. 8638-3, bearing the priority of June 13, 2022 authorizing the diversion of 1.11 cu. ft. per second of the waters of the Big Sioux:Brookings Aquifer for irrigation purposes, in Hamlin County.

A. Works used to divert the water:

Well Information:

- 1) Well Drilling Firm: Lacey Well Drilling
- 2) No. of Wells 1
- 3) Depth(s) 25 feet
- 4) Well log is available Y

Casing:

- 1) Diameter 14 inches
- 2) Length 19 feet
- 3) Type Plastic

Screen:

- 1) Type PVC
- 2) Length 6 feet
- 3) Static water level 5 feet

Pump:

- 1) Make Goulds
- 2) Model 9RCLO
- 3) Size Unknown
- 4) Capacity 450 GPM

Motor:

- 1) Make NIDEC
- 2) Model No. Unknown
- 3) Horsepower rating 20 hp

B. Works used to transport water to place of use:

- 1) Type Aboveground Steel Pipe
- 2) Size 6 inches
- 3) Length 60 feet

C. Works used to apply water to beneficial use:

Center pivot:

- 1) Make Valley
- 2) Overall length 1070 feet
- 3) Number of towers 6
- 4) End gun Y
- 5) Capacity 450 GPM

Chemigation Equipment: Does chemigate N

D. Compliance with Permit Requirements:

- 1) Permit qualifications being abided by Y
- 2) Irrigation Questionnaires checked to determine if permit owner started irrigation by the end of construction period Y
- 3) Exceptions to compliance are: None

E. Condition and Location:

1. The system is in good condition with the point(s) of diversion located as follows: WELL LOCATION
From the NW corner Sec 29 T114N R51W, 1150 ft S & 1160 ft E, Lat 44.65652 Long -96.98197 (NW
¼ NW ¼)
2. The works are capable of diverting and conveying to the place of use 1.00 cu. ft. per second of water which is to be used for irrigation. Water has been put to beneficial use to the maximum extent as follows:
legal description/acreage
All in Sec 29 T114N R51W
NW NW - 34 ac
NE NW - 25 ac
SE NW - 17 ac
SW NW - 25 ac
comprising a total of 101 acres of land and the license should be issued for 1.0 cfs.
3. All structures, wells and lands on map Y

F. Comments or other permit(s) associated with the project:

FSA imagery and the ArcGIS software was used to estimate the irrigated acres.

The 2023 IQ documentation was used to establish the well flow discharge.

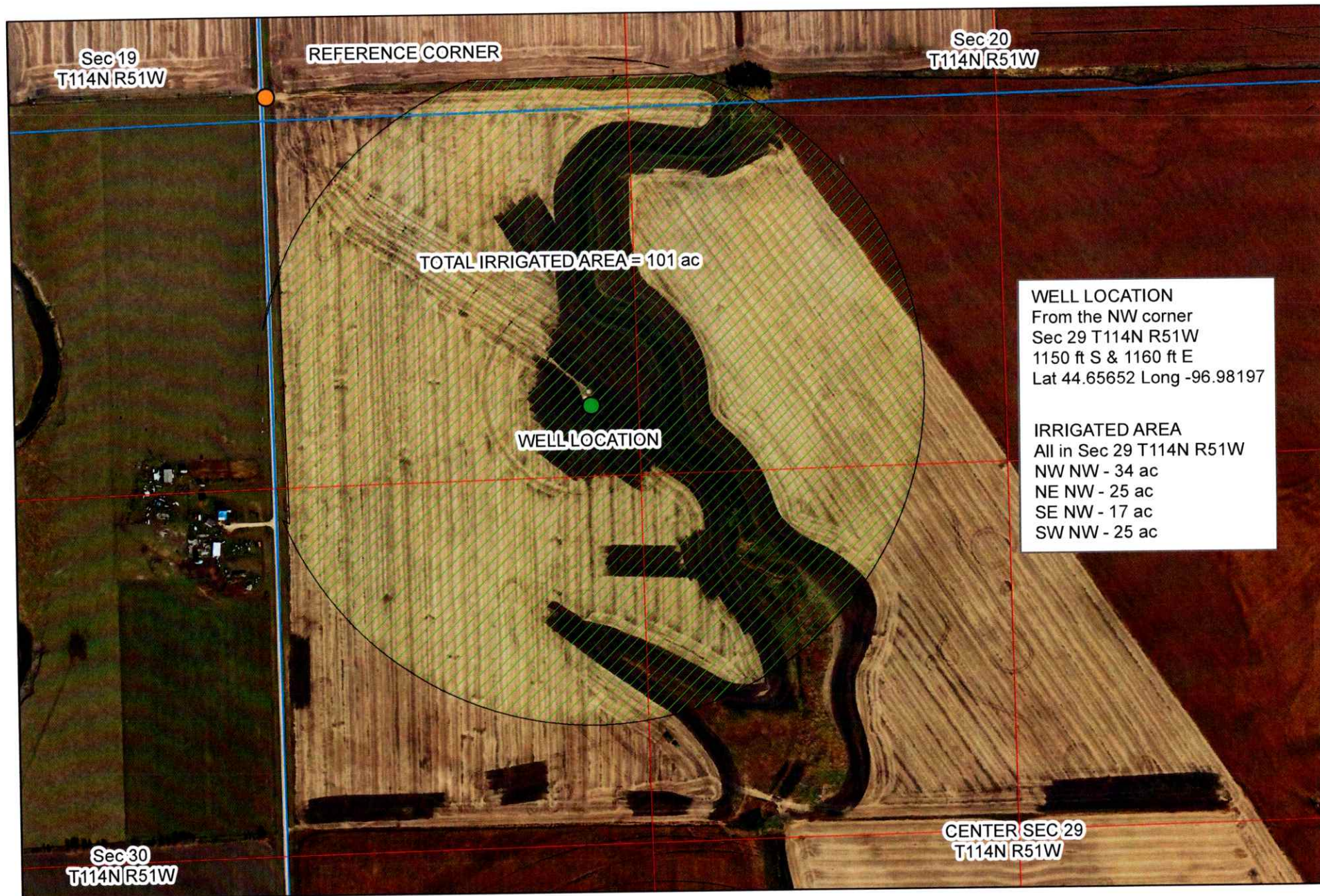
I talked to Mr. Brad Jongeling (605/881-3432), land tenant, and Mr. Darrel Jongeling (605/520-2058) regarding the permit.

The current address and phone number in the permit materials is current.



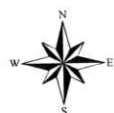
Darrell DeBoer
Water Rights Inspector
DENR, Water Rights Program

Date report completed: July 16, 2024



WELL LOCATION
 From the NW corner
 Sec 29 T114N R51W
 1150 ft S & 1160 ft E
 Lat 44.65652 Long -96.98197

IRRIGATED AREA
 All in Sec 29 T114N R51W
 NW NW - 34 ac
 NE NW - 25 ac
 SE NW - 17 ac
 SW NW - 25 ac



0 385 770 1,540 2,310 3,080 Feet

Darrell DeBoer
 Water Right Inspector
 DANR-Water Rights Program



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E. CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

**NOTICE OF COMPLETION OF WORKS AND
APPLICATION OF WATER TO BENEFICIAL USE**

TO: Water Rights Program, DANR
523 E. Capitol Ave.
Pierre, SD 57501-3182
or via email to DANRmail@state.sd.us

Date 07-29-24

FROM: Darrel Jongeling 605-520-2058
(name) (phone)
220 Trail Ridge Rd.
(address) (email)
Brookings SD 57006
(city, state, zip)

I have completed the construction of the water use system and I have put the water to beneficial use to the maximum extent it is going to be used.

Water Permit No. 8638-3 states that the water use system is to be constructed by

August 29, 2027 and water is to be put to beneficial use by August 29, 2031
(date) (date)

The water use system was completed on spring of 2023
(date)

Applying the water to beneficial use was completed on summer of 2023
(date)

You may schedule an inspection so that the water license may be issued.

RECEIVED

AUG 05 2024

**OFFICE OF
WATER**



**DEPARTMENT of AGRICULTURE
and NATURAL RESOURCES**

JOE FOSS BUILDING
523 E CAPITOL AVE
PIERRE SD 57501-3182
danr.sd.gov

AUG 26 2024

8638-3

Darrel or Karen Jongeling
200 Trail Ridge Rd
Brookings SD 57006

Dear Mr. & Mrs. Jongeling:

Enclosed is Water License No. 8638-3. This is the final water right document completing your process of obtaining a Water Right. Included with your license is a map prepared by the staff engineer who conducted the field investigation.

For your information SDCL 46-6-27 requires that if in the future, the owner of an existing well, constructs a replacement well and does not plan to use the old well, the old well is considered abandoned and must be plugged. Also, any well that is being used or is not considered abandoned must be valved and controlled, if flowing, or sealed and capped so that no leaking occurs either underground or at the surface.

So long as you use the water beneficially, as stated in the Water License, State Water Laws provide that you have a continuing right to use the water. If you have any questions, please contact our office.

Sincerely,

Eric Gronlund, Chief Engineer
Water Rights Program
(605) 773-3352

enclosures

**STATE OF SOUTH DAKOTA
WATER LICENSE NO. 8638-3**

(1) Darrel or Karen Jongeling, 200 Trail Ridge Road, Brookings SD 57006, made Application No. 8638-3, June 13, 2022, for a water permit to divert 1.11 cubic feet of water per second from groundwater, one well (Big Sioux: Brookings Aquifer), Hamlin County, South Dakota for irrigation purposes. Permit No. 8638-3, with a priority date of June 13, 2022, was approved August 29, 2022, and issued to the applicant for diversion of water with construction of the described water supply system to be completed on or before August 29, 2027, and for the application to beneficial use of water on or before August 29, 2031.

The permit holders submitted a Notice of Completion of Works and Application of Water to Beneficial Use form dated July 29, 2024. The Notice stated the diversion system was completed and the water was placed to beneficial use in the spring and summer of 2023.

(2) It is certified that the permit holders have complied with the provisions of South Dakota State Law relating to completion of the construction of the water supply system and are entitled to divert 1.0 cubic feet of water per second for beneficial use. The location of the diversion point is:

- 1,150 ft S & 1,160 ft E of the NW corner Section 29, T114N, R51W (NW $\frac{1}{4}$ NW $\frac{1}{4}$)
(Latitude 44.65652 & Longitude -96.98197)

(3) The amount of appropriation may not exceed 2 acre-feet annually for each acre of land to which water is actually and beneficially applied for irrigation. The water is to be used during the following described annual period: May 1 – September 30.

(4) The permit holders have complied with the provisions of South Dakota State Law relating to the application of water to beneficial use to irrigate to following land:

Section 29, T114N, R51W			
NE $\frac{1}{4}$ NW $\frac{1}{4}$	25 acres	SW $\frac{1}{4}$ NW $\frac{1}{4}$	25 acres
NW $\frac{1}{4}$ NW $\frac{1}{4}$	34 acres	SE $\frac{1}{4}$ NW $\frac{1}{4}$	17 acres
TOTAL: 101 acres			

(5) Pursuant to South Dakota Water Law 46-5-30.1 Darrel or Karen Jongeling, the holders and/or owners of Water Right No. 8638-3 are issued a license to appropriate water, the right to use 1.0 cubic feet of water per second from groundwater, one well (Big Sioux: Brookings Aquifer), with a priority date of June 13, 2022, from the location specified in (2) of this license for irrigation purposes.

This license is subject to South Dakota Water Law, any limitations or conditions listed in Water Right No. 8638-3 and subject to the following qualifications:

1. The well approved under Water Permit No. 8638-3 is located near domestic wells and other wells which may obtain water from the same aquifer. Water withdrawals shall be controlled so there is not a reduction of needed water supplies in adequate domestic wells or in adequate wells having prior water rights.
2. The well authorized by Permit No. 8638-3 shall be constructed by a licensed well driller and construction of the well and installation of the pump shall comply with Water Management Board Well Construction Rules, Chapter 74:02:04 with the well casing pressure grouted (bottom to top) pursuant to Section 74:02:04:28.
3. This Permit is approved subject to the irrigation water use questionnaire being submitted each year.


Eric Gronlund, Chief Engineer
Water Rights Program
Department of Agriculture and Natural Resources

AUG 26 2024
date

